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Amendments to the Specification:

Please replace the fourth paragraph beginning on line 17 of page 9 with the following amended paragraph:

- 5 To achieve that it is advantageous for the sum of the first and second air gaps 26 and 27 to be smaller than the sum of the first, [second and] third and fourth air gaps 26, 25, 24. ~~More advantageously still, the sum of the first and second air gaps 26 and 27 is strictly greater than the sum of the first, second and third air~~
- 10 ~~gaps 26, 25, 24.~~ Thus, the reed switch bulb 28, contained in the circuit formed by the pole pieces 29 and 31, is completely isolated from any residual magnetic flux when the piston 34 is not actuated. The magnetic circuit containing the magnet 32, for its part, allows residual magnetic flux to circulate. As soon as the piston 34 advances,
- 15 the magnetic circuit containing the bulb 28 is closed and magnetic flux can circulate therein.

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